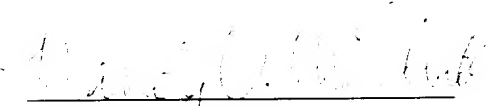


Atty Ref. No.: P677b

CERTIFICATE OF MAILING

I hereby certify that the attached Amendment is being deposited with the United States Postal Service as First Class Mail postage prepaid in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 15, 2003.



Nancy V. McElrath



Date